Meade® Electronic Eyepiece™

For real-time transmission of lunar, planetary, and terrestrial images from your telescope to a TV monitor.

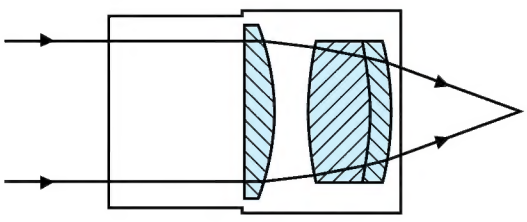
The Meade #902 Electronic Eyepiece permits transmission of live, real-time images of the Moon, planets, and terrestrial subjects from your telescope to a TV monitor, VCR, or camcorder. The eyepiece uses a CMOS detector of 320 x 240 pixels to form black-and-white images at the telescope focus; barrels are included to allow for insertion of the eyepiece into either 0.965" or 1.25" focuser sleeves. The eyepiece includes a 6 ft. cable and requires a (user-supplied) 9-volt battery; the battery fits neatly inside the eyepiece housing. A built-in control permits contrast adjustment of the image.

Perhaps the largest-selling product of its type ever developed, tens of thousands of Meade #902 Electronic Eyepieces are now in use, employing telescopes from 60mm refractors to 12" Schmidt-Cassegrains.

"The promise of video astronomy is appealing. Haven't we all wished we could record what we see in the telescope, or even view it on a television from the comfort of our living room?...the Meade Electronic Eyepiece provides an inexpensive way to enjoy video astronomy...it's hard to imagine anything more straightforward than this: Insert the [Electronic Eyepiece] into the the telescope's focuser. Connect it to a television or videocassette recorder with the supplied cable, turn it on, and enjoy the view. This is the level of simplicity that Meade has achieved with the Electronic Eyepiece. The fact that it looks, weighs, and costs about the same as a conventional eyepiece only sweetens the deal...The Electronic Eyepiece is a smartly designed unit with an RCA video output jack on the side and a thumbwheel control that turns the unit on and adjusts image contrast. The contrast-adjustment is very wide...Not only will the Meade imager show remarkable views in real time, but when used with VCR, a frame grabber and a computer, it is capable of producing fine still images as well.....the Meade Electronic Eyepiece is a lot of fun. Neighbors and friends will be impressed when you fill your TV screen with a live view of the Moon. If you have a frame grabber you can pull individual frames from a video recording and enter the world of electronic imaging...Simple to use and inexpensive, the Meade Electronic Eyepiece is a great first step for anyone looking to enter the universe of video astronomy." **— from the review in *Sky & Telescope*, February, 2003.**

Meade® Modified Achromatic Eyepieces (1.25" and .965")

These fine 3-element eyepieces offer the price-conscious amateur an excellent alternative to more sophisticated and expensive oculars. The four Modified Achromatic focal lengths shown here are an optical advancement over the traditional Kellner and yield sharp, faithful lunar, planetary, and deep-space images. All 1.25" O.D. focal lengths are multi-coated; eyepieces of .965" O.D. are coated with magnesium fluoride (MgF_2). The 40mm models of both barrel diameters provide well-corrected, wide-field images on any instrument, and with a moderate investment.



Specifications:

Design: 3-element Modified Achromatic (1.25": multi-coated; .965": MgF_2 coated)

Focal Lengths: 9, 12, 25, and 40mm

Eyepiece Barrels: 1.25" or .965", threaded for filters

Apparent Fields (approx.): 40°